

# 1 Test Cases

## Functional Test Cases

ID	Test Case Title	Steps	Expected Result	Test Type
TC01	Verify that a user can add a new task successfully	Open app > Enter task > Click Add	Task appears in the list	Functional
TC02	Verify that a user can mark a task as complete	Add task > Click checkbox	Task is marked completed (e.g., strikethrough)	Functional
TC03	Verify that a user can delete a task from the list	Add task > Click delete button	Task is removed from the list	Functional
TC04	Verify that a user can edit the task text	Add task > Click edit > Change text > Save	Task text updates	Functional
TC05	Verify that a completed task can be marked as incomplete	Complete task > Uncheck	Task is no longer marked complete	Functional
TC06	Verify that multiple tasks can be added to the list	Add several tasks one by one	All tasks appear	Functional

## UI Test Cases

ID	Test Case Title	Steps	Expected Result	Test Type
TC07	Verify that the Add button is visible and enabled on page load	Load the app	Add button is visible and clickable	UI
TC08	Validate that the input field and Add button are horizontally aligned	Load the app	Input field and button align side by side	UI
TC09	Verify that completed tasks appear with a visual indication	Complete a task	Task shows strikethrough or color change	UI

TC10	Validate that the layout adjusts properly on smaller screens	Resize browser or use mobile	Layout remains usable and responsive	UI
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## Boundary Test Cases

ID	Test Case Title	Steps	Expected Result	Test Type
TC11	Verify that task input accepts up to 255 characters	Enter 255-character text	Task added successfully	Boundary
TC12	Verify that an error is shown when trying to add an empty task	Leave input empty > Click Add	Validation error shown	Boundary
TC13	Validate that special characters can be added to a task or handled gracefully	Input symbols like @#\$%^&*	Task added or proper error shown	Boundary
TC14	Verify that duplicate task names are handled correctly	Add same task twice	Handled with either duplicate allowed or error	Boundary

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